

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): Optical glass comprising, in a molar percent,
30 to 45 percent of B_2O_3 ,
2 to 15 percent of SiO_2 ,
10 to 20 percent of La_2O_3 ,
1 to 10 percent of TiO_2 ,
10 to 30 percent of ZnO ,
2 to 15 percent of Li_2O ,
higher than 0 percent and 10 percent or less of WO_3 ,
0 to 15 percent of Nb_2O_5 , and
0 to 10 percent of ZrO_2 ,

wherein the total amount of the B_2O_3 , SiO_2 , La_2O_3 , TiO_2 , ZnO , Li_2O , WO_3 , Nb_2O_5 and ZrO_2 is higher than 95 percent, and the glass exhibits a refractive index (nd) in a range of 1.75 to 1.87 and an Abbé number (νd) in a range of 30 to 45.

2. (original): The optical glass according to claim 1, wherein the glass exhibits a transition temperature (T_g) of 580 °C or less.

3. (original): Optical glass comprising essential components of B_2O_3 , SiO_2 , La_2O_3 , TiO_2 , ZnO , Li_2O , and WO_3 and optional components of Nb_2O_5 and ZrO_2 ,

wherein the total amount of the B_2O_3 , SiO_2 , La_2O_3 , TiO_2 , ZnO , Li_2O , and WO_3 Nb_2O_5 and ZrO_2 is higher than 95 molar percent,

the glass exhibits a refractive index (nd) in a range of 1.75 to 1.87, and an Abbé number (νd) in a range of 30 to 45,

the glass exhibits properties, based on a thickness of 10 mm, in the spectral transmittance of wavelengths of 280 to 700 nm, that the wavelength, at which a 80 percent

spectral transmittance is exhibited, is 440 nm or less, and the wavelength, at which a 5 percent spectral transmittance is exhibited, is 350 nm or less, and

the glass exhibits a glass transition temperature (T_g) of 580 °C or less.

4. (original): A precision press molding preform comprised of the optical glass according to claim 1.

5. (original): A precision press molding preform comprised of the optical glass according to claim 2.

6. (original): A precision press molding preform comprised of the optical glass according to claim 3.

7. (currently amended): The precision press molding preform according to claim 4, wherein an entire outer surface of the preform ~~has been formed by solidifying~~ comprises solidified melting glass ~~as it is~~.

8. (currently amended): The precision press molding preform according to claim 5, wherein an entire outer surface of the preform ~~has been formed by solidifying~~ comprises solidified melting glass ~~as it is~~.

9. (currently amended): The precision press molding preform according to claim 6, wherein an entire outer surface of the preform ~~has been formed by solidifying~~ comprises solidified melting glass ~~as it is~~.

10. (currently amended): The precision press molding preform according to claim 4, wherein an entire outer surface of the preform is comprised of a free surface.

11. (currently amended): The precision press molding preform according to claim 5, wherein an entire outer surface of the preform is comprised of a free surface.

12. (currently amended): The precision press molding preform according to claim 6, wherein an entire outer surface of the preform is comprised of a free surface.

13. - 15. are cancelled

16. (original): An optical element comprised of the optical glass according to

claim 1.

17. (original): An optical element comprised of the optical glass according to claim 2.

18. (original): An optical element comprised of the optical glass according to claim 3.

19. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 4.

20. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 5.

21. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 6.

22. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 7.

23. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 8.

24. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 9.

25. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 10.

26. (original): An optical element obtained by precision press molding the precision press molding preform according to claim 11.

27. (original): An optical element comprising obtained by precision press molding the precision press molding preform according to claim 12.

28. (currently amended): An optical element ~~obtained by~~ comprising a precision press molding a molded preform ~~formed by the method of manufacturing according to claim 13~~

having a prescribed weight of an optical glass as defined in claim 1 and a shape defined by a separated melting glass flowing out from an outflow pipe.

29. (currently amended): An optical element ~~obtained by~~ comprising a precision press ~~molding a~~ molded preform ~~formed by the method of manufacturing according to claim 13~~ having a prescribed weight of an optical glass as defined in claim 2 and a shape defined by a separated melting glass flowing out from an outflow pipe.

30. (currently amended): An optical element ~~obtained by~~ comprising a precision press ~~molding a~~ molded preform ~~formed by the method of manufacturing according to claim 13~~ having a prescribed weight of an optical glass as defined in claim 3 and a shape defined by a separated melting glass flowing out from an outflow pipe.

31.-48. are canceled.

49. (new): The optical glass according to claim 1, wherein the glass contains no Ta₂O₅.

50. (new): An optical element comprised of the optical glass according to claim 49.